

ABSTRACT

The present invention relates to a novel sulfonation of an intermediate of zonisamide. The sulfonation processes using chlorosulfonic acid as well as acetic anhydride and sulfuric acid in an organic solvent are disclosed. Crystalline forms of benzisoxazole methane sulfonic acid (BOS-H) and its salts (BOS-Na, BOS-Ca, and BOS-Ba) and their novel preparation processes are disclosed.